

ABSTRACT

A method for obtaining a material containing recovered molybdenum for use in producing a catalyst from a molybdenum-containing material comprising at least molybdenum, A element (phosphorus and/or arsenic) and X element (at 5 least one selected from the group consisting of potassium, rubidium, cesium and thallium), in particular, from a spent catalyst; and a method for producing a catalyst using said material containing recovered molybdenum. A particularly preferred catalyst is a catalyst for use in producing methacrylic acid through gas-phase catalytic oxidation.